

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Steven Wang

Serial No.: 10/020,702

Filed: October 30, 2001

For: Establishing Wireless Connections

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Art Unit: 2141

Examiner: Nicholas R. Taylor

Atty Docket: ITL.0679US  
(P12997)

Assignee: Intel Corporation

Mail Stop **Appeal Brief-Patents**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

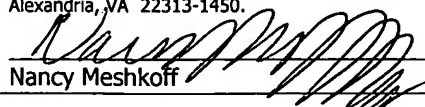
**APPEAL BRIEF**

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Date of Deposit: October 4, 2006  
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Nancy Meshkoff

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**REAL PARTY IN INTEREST**

The real party in interest is the assignee Intel Corporation.

**RELATED APPEALS AND INTERFERENCES**

None.

### **STATUS OF CLAIMS**

Claims 1-30 (Rejected).

Claims 1-30 are rejected and claims 1-5, 9-15, 19-27, 29, and 30 are the subject of this Appeal Brief.

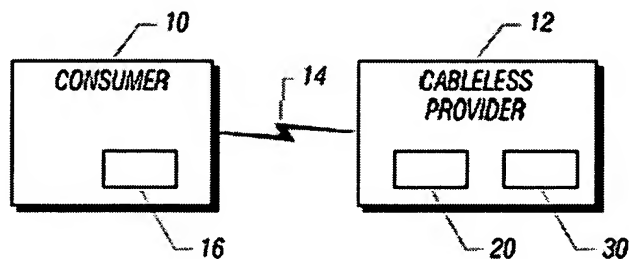
## **STATUS OF AMENDMENTS**

All amendments have been entered.

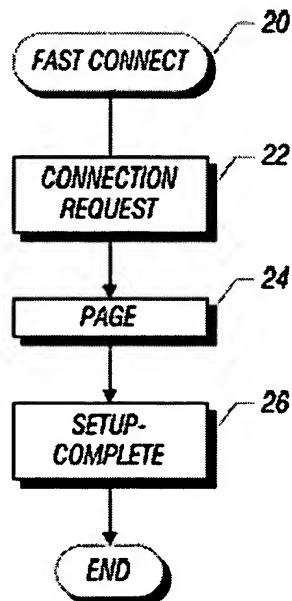
## SUMMARY OF CLAIMED SUBJECT MATTER

In the following discussion, the independent claims are read on one of many possible embodiments without limiting the claims:

1. A method comprising:  
establishing a wireless link (Figure 1, 14) between a cableless provider (Figure 1, 12) and a consumer (Figure 1, 10); and  
storing information exchanged to establish said link (Figure 2, 23; specification at page 6, lines 8-11); and  
using said stored information to reestablish said link (Figure 2, 22; specification at page 6, lines 11-19).



**FIG. 1**



**FIG. 2**

11. An article comprising a storage device storing instructions to enable a processor-based system to:

establish a wireless connection (Figure 1, 14) between a cableless provider (Figure 1, 12) and a consumer (Figure 1, 10);

store information exchanged to establish said connection (Figure 2, 23; specification at page 6, lines 8-11); and

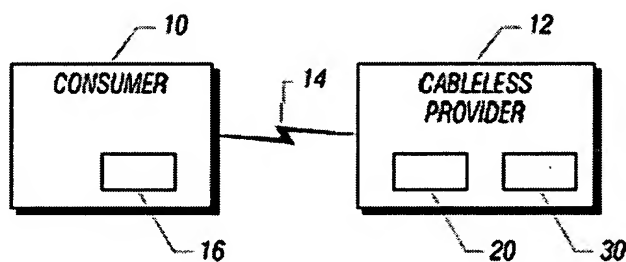
use said stored information to reestablish said connection (Figure 2, 22; specification at page 6, lines 11-19).

21. A wireless device comprising:

a controller (Figure 1, 12);

a storage (Figure 1, 20) storing instructions that enable the controller to establish a wireless connection and store information exchanged to establish said connection; and

use said information to reestablish said connection.



**FIG. 1**

At this point, no issue has been raised that would suggest that the words in the claims have any meaning other than their ordinary meanings. Nothing in this section should be taken as an indication that any claim term has a meaning other than its ordinary meaning.



**GROUND OF REJECTION TO BE REVIEWED ON APPEAL**

- A. Whether claims 1-5, 9-15, 19-27, 29, and 30 are anticipated under 35 U.S.C. § 102(b) by Bodenmann (U.S. Patent No. 6,078,789).

## ARGUMENT

**A. Are claims 1-5, 9-15, 19-27, 29, and 30 anticipated under 35 U.S.C. § 102(b) by Bodenmann (U.S. Patent No. 6,078,789)?**

With respect to the rejection under Section 102, it is noted that nothing in Bodenmann ever suggests establishing a connection, storing the information exchanged to establish that connection, and use that stored information to reestablish the connection. Instead, the point of Bodenmann is to establish a standardized communication protocol. See Bodenmann abstract.

Even if Bodenmann stores certain information about certain types of devices, that information is pre-stored from the beginning. It is not stored after it is exchanged to establish a connection. The present application calls for an article to store information exchanged to establish a connection between a cableless provider and a consumer and then to use that stored information to reestablish the connection.


Even if one were to assume that what Bodenmann is storing in the cited section is used to establish a connection, there is nothing to indicate anything other than that information was stored from the beginning of the establishment of the device. It is not stored after it is exchanged to establish a connection. Therefore, there is no use of that stored information exchanged to establish a connection to reestablish a connection.

For this reason alone, the reference fails to meet the claimed limitations. Moreover, there is nothing to suggest that any of the information called status-and-complementary information is used to establish a connection in any instance. Therefore, for this even more basic reason, reconsideration of the rejection would be appropriate.

Applicant respectfully requests that each of the final rejections be reversed and that the claims subject to this Appeal be allowed to issue.

Respectfully submitted,

Date: October 4, 2006



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## **CLAIMS APPENDIX**

The claims on appeal are:

1. A method comprising:  
establishing a wireless link between a cableless provider and a consumer; and  
storing information exchanged to establish said link; and  
using said stored information to reestablish said link.
2. The method of claim 1 including exchanging information upon the first connection between a given cableless provider and a consumer.
3. The method of claim 2 including storing information in order to avoid the need to exchange information each time a connection is established.
4. The method of claim 1 including denominating said consumer as the master device and said cableless provider as slave device.
5. The method of claim 4 including programming said consumer to always be the master device.
6. The method of claim 1 including enabling a Bluetooth connection.
7. The method of claim 6 including enabling a Bluetooth connection between said consumer and said cableless provider without providing for authentication.
8. The method of claim 7 including enabling a connection between the cableless provider and the consumer without providing for pairing.
9. The method of claim 1 including providing an indication bit that identifies the cableless provider to establish a connection.

10. The method of claim 9 including providing information to a consumer from a cableless provider that indicates the type of device of the cableless provider.

11. An article comprising a storage device storing instructions to enable a processor-based system to:

establish a wireless connection between a cableless provider and a consumer;  
store information exchanged to establish said connection; and  
use said stored information to reestablish said connection.

12. The article of claim 11 further storing instructions to enable processor-based system to exchange information upon the first connection between a given cableless provider and a consumer.

13. The article of claim 12 further storing instructions to enable processor-based system to store information in order to avoid the need to exchange information each time a connection is established.

14. The article of claim 11 further storing instructions to enable processor-based system to denominate said consumer as the master device and said cableless provider as slave device.

15. The article of claim 14 further storing instructions to enable processor-based system to program said consumer to always be the master device.

16. The article of claim 11 further storing instructions to enable processor-based system to enable a Bluetooth connection.

17. The article of claim 16 further storing instructions to enable processor-based system to enable a Bluetooth connection between said consumer and said cableless provider without authentication.

18. The article of claim 17 further storing instructions to enable processor-based system to enable a connection between the cableless provider and the consumer without pairing.

19. The article of claim 11 further storing instructions to enable processor-based system to provide an indication bit that identifies the cableless provider to establish a connection.

20. The article of claim 19 further storing instructions to enable processor-based system to provide information to a consumer from a cableless provider that indicates the type of device of the cableless provider.

21. A wireless device comprising:  
a controller;  
a storage storing instructions that enable the controller to establish a wireless connection and store information exchanged to establish said connection; and  
use said information to reestablish said connection.

22. The device of claim 21 wherein said device is a cableless provider.

23. The device of claim 21 wherein said device is a consumer.

24. The device of claim 21 wherein said device operates at 2.4 gigahertz at a range of approximately ten meters.

25. The device of claim 21 wherein said device does not provide for authentication.

26. The device of claim 21 wherein said device does not provide for pairing.

27. The device of claim 21, said memory storing instructions that enable the device to provide an indication bit that identifies the device to establish a connection.

28. The device of claim 27 wherein said device identifies itself through an FHS packet.

29. The device of claim 27 wherein said device indicates its device type.

30. The device of claim 21 wherein said device is always the master.

## **EVIDENCE APPENDIX**

None.

**RELATED PROCEEDINGS APPENDIX**

None.





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# TRANSMITTAL OF APPEAL BRIEF (Large Entity)

Docket No.  
ITL0679US

In Re Application Of: Steven Wang

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/020,702	October 30, 2001	Nicholas R. Taylor	21906	2141	9571

Invention: Establishing Wireless Connections

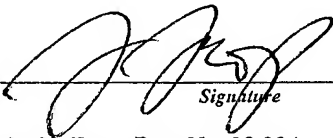
## COMMISSIONER FOR PATENTS:

Transmitted herewith in triplicate is the Appeal Brief in this application, with respect to the Notice of Appeal filed on  
August 16, 2006

The fee for filing this Appeal Brief is: \$500.00

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- ☐ The Director has already been authorized to charge fees in this application to a Deposit Account.
- ☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 20-1504
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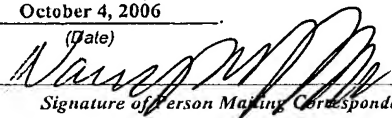
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Dated: October 4, 2006

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October 4, 2006

(Date)



Signature of Person Mailing Correspondence

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